

What is claimed is:

1. A sleeve bearing for use in water comprising:

a shaft; and

a sleeve, wherein at least a portion of the sleeve or the shaft is made of a synthetic resin composition obtained by uniformly blending a powder of RBC or CRBC with fibers and a resin.

2. The sleeve bearing of Claim 1 further comprising:

grooves of a spiral form made on the inner face of the sleeve.

3. The sleeve bearing of Claim 1 further comprising:

grooves of a spiral form made on the external surface of the shaft.

4. The sleeve bearing of Claim 1, wherein the weight ratio of the fine powder of RBC or CRBC to the synthetic resin in the synthetic resin composition is 10-70 : 90-30.

5. The sleeve bearing of Claim 4, wherein the resin is made of one or more members of a group consisting of Nylon 66, Nylon 6, Nylon 11, Nylon 12, polyphthalamide, polyacetal, polybutylene terephthalate, polyethylene terephthalate, polypropylene, polyethylene, and polyphenylene sulfide.

6. The sleeve bearing of Claim 5, wherein the average particle diameter of the powder of RBC or CRBC is 300 μm or less.

7. The sleeve bearing of Claim 6, wherein the average particle diameter of the powder of RBC or CRBC is 10 to 50 μm .

8. The sleeve bearing of claim 1, wherein the fibers are organic or inorganic.

9. The sleeve bearing of claim 1, wherein the fibers are selected from a group consisting of glass fibers, rock wool, carbon fibers, polyester, rayon, polyvinyl alcohol, polyamide, polyolefin, acryl, aramide fibers, wood pulp and manila hemp.

10. The sleeve bearing of claim 1, wherein the fibers are glass fibers.

11. The sleeve bearing of claim 1, wherein the fiber content by weight is 1-30 % of the entire synthetic resin composition.

12. The sleeve bearing of Claim 1 wherein the shaft is made of rust - resistant steel series metal.

13. The sleeve bearing of Claim 1, wherein the shaft is made of the synthetic resin composition having a ratio by mass of the powder of RBC or CRBC to the resin of 30 to 90 : 70 to 10.

14. A method of using a sleeve bearing of claim 1, said method comprising the steps of: mounting the rotating parts of a submersible pump in the sleeve bearing; submersing the submersible pump in the cooling fluid of an engine; and operating the submersible pump while submerged in the cooling fluid to circulate the fluid and thereby cool the engine.